

# Marine Paint Manual

Reference No. : 12 - 12  
Issue Date: July 2015 (ES)

## ECOLOSilk TIE-COAT

A tie coat for the unique and ultimate biocide-free “ECOLOSilk system” based on the same technology of the silicone elastomer.

Suitable Use	Tie coat for ECOLOSILK system		
Type	Silicone Elastomer		
Color	Light Gray		
Gloss	Semi-gloss		
Volume Solids	57 ± 2% (ISO3233:1998)		
Typical Dry Film Thickness	100 µm		
Approx. Wet Film Thickness	175 µm		
Theoretical Coverage	5.70 m <sup>2</sup> / L (100 µm)		
Drying Time	Surface Dry	5 hours (5°C)    2 <sup>1</sup> / <sub>2</sub> hours (20°C)    1 <sup>1</sup> / <sub>2</sub> hours (30°C)	
	Dry Hard	9 hours (5°C)    6 hours (20°C)    4 hours (30°C)	
Interval before Overcoating ( ECOLOSILK )	Min.	15 hours (5°C)    7 <sup>1</sup> / <sub>2</sub> hours (20°C)    4 <sup>1</sup> / <sub>2</sub> hours (30°C)	
	Max.	7 days (5°C)    7 days (20°C)    7 days (30°C)	
Thinner	Dilution Not Allowed. For cleaning, use NIPPON MARINE THINNER 200.		
Application Method	Airless Spray	Tip range	0.53 mm
		Fan angle	55 ~ 69°
		Output pressure	above 150 kg / cm <sup>2</sup>
	Brush / Roller	For touching up small areas only	
Mixing Ratio by Volume	BASE 4 / CURING AGENT 5 / ADDITIVE 1		
Pot Life after Mixing	2 <sup>1</sup> / <sub>2</sub> hours (5°C)    1 <sup>1</sup> / <sub>4</sub> hours (20°C)    45 minutes (30°C)		
Typical Package	10 Liter (BASE 4 L, CURING AGENT 5 L, ADDITIVE 1 L) Package may vary from country to country.		
Japan Local Brand	ECOLOSilk TIE COAT		
Flash Point	BASE 36 °C, CURING AGENT 36 °C, ADDITIVE 4 °C		
Surface Preparation	All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash and remove all oil / grease, soluble contaminants and other foreign matters. See “Painting Specification” for the details.		

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## Safety

Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.)  
Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits.  
Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information.

### <Note>

- 1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
- 2) Prior to use, refer to painting procedure.
- 3) Store the paints in paint store.